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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In Re the Application of:

Wang, et al.

Serial No.: 10/581,418 ✓

Filed: June 2, 2006

Atty. File No.: 1618 WO/US

Title: Method for Selective Reduction of  
Aromatic Compounds

) Group Art Unit: Not yet assigned

) Examiner: Not yet assigned

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*Michelle De Corte*  
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In accordance with duties imposed by 37 CFR §1.56 and means for complying therewith according to 37 CFR §§1.97-1.98, the references listed on the attached Form PTO/SB/08A are called to the attention of the US Patent & Trademark Office in relation to the present application.

No representation is made that the cited references are the only art or that the cited references represents the best art. The Examiner is urged to consider all of the cited references and to make an independent evaluation of the teachings and materiality of each.

Since this correspondence is being submitted prior to a first Office Action on the merits, it is believed that no fee is due. However, if a fee is required for entry of this correspondence, please charge Deposit Account No. 13-1160.

Respectfully submitted,

*Christine E. Cooke*

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

Application Number	10/581,418
Filing Date	June 2, 2006
First Named Inventor	WANG
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	1618 WO/US

Sheet 1 of 1

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of The item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A1	BIRCH, Reduction by Dissolving Metals. Part I., Chem. Soc. 1944, pp. 430-436	
	A2	BIRCH, The reduction of organic compounds by metal-ammonia solution, Quart. Rev. Chem. Soc. 1950, 4, pp. 69-93	
	A3	RADIDEAU, The metal-ammonia reduction of aromatic compounds, Tetrahedron 1989, 45, pp. 1579-1603	
	A4	MANDER, Partial reduction of aromatic rings by dissolving metals and by other methods, Comprehensive Organic synthesis 1991, 8, pp. 489-521	
	A5	BIRCH, The Birch reduction in organic synthesis, Pure & Appl. Chem. 1996, 68, pp. 553-555	
	A6	ALONSO et al., The NiCl <sub>2</sub> .2H <sub>2</sub> O-Li-arene combination as reducing system. 4. Dehalogenation of organic halides using the NiCl <sub>2</sub> .2H <sub>2</sub> O-Li-DTBB (cat.) combination, Tetrahedron 1999, 55, pp. 4441-4444	
	A7	BERKOWITZ, An efficient dechlorination method for 1,2,3,4-tetrachloro-5,5-dimethoxycyclopentadiene Diels-Alder adduct: Inverse addition-etheral Birch reduction condition, Synthesis 1990, 8, pp. 649-651	
	A8	BRYCE-SMITH et al., Reduction of organic halides. Chlorobenzene to benzene, Org. Synth 1967, 47, p. 103	
	A9	ROSSI et al., On the dehydroxylation of phenols by cleavage of their diethyl phosphate esters with alkali methals in liquid ammonia, J. Org. Chem. 1973, 38, p. 2314	
	A10	WELCH et al., Reduction of aryl diethyl phosphates with titanium metal: a method for deoxygenation of phenols, J. Org. Chem. 1978, 43, p. 4797	
	A11	BIRCH et al., Reaction mechanisms in reductions by metal-ammonia solutions, Tetrahedron 1959, 6, pp. 148-153 XP-002333355	
	A12	KAISER, A Comparison of Methods Using Lithium/Amine and Birch Reduction Systems, Synthesis, Thieme, Stuttgart, DE August 1972, 8, pp. 391-415 XP002046306	
	A13	BIRCH et al., Reductions by metal-ammonia solutions and related reagent, Advanced Organic Chemistry 1972, 8, pp. 1-65 XP009049761	
	A14	International Search Report dated June 28, 2005	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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